

Safety Data Sheet

According to EC 1907/2006

Version 4.1GHS

EVERSORB AQ1

6th Fl., 77 Sec. 2, Tun Hua S. Rd., Taipei, Taiwan.
TEL: 886-2-27066006 FAX: 886-2-27081254

Safety Data Sheet

According to EC 1907/2006

Version: 4.1GHS

Date / revised: 2013/2/5

Product: **EVERSORB AQ1****HMIS Hazard Ratings:**

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

1. Manufacturer/ Subsidiary

Manufacturer: Everlight Chemical Industrial Corp.

Address: 6th Fl., 77 Sec. 2, Tun Hua S. Rd., Taipei, Taiwan.

Tel: 886-2-27066006

FAX: 886-2-27081254

Emergency information:

Tel: 886-3-4837682

2. Hazard(s) identification**Classification**

Skin sensitization, Category 1

Chronic aquatic toxicity, Category 2**Label element****Symbol:****Signal word:** Warning**Hazard statement:**

May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment..

Precautionary statements:

Avoid contact with skin.

Wear suitable protective gloves.

Avoid release to the environment. Refer to special instructions/safety data sheet.

3. Composition / Information on ingredients

CAS NO	Product name	Content	Hazardous
41556-26-7	Decanedioic acid,bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	10-30%	Y
82919-37-7	Decanedioic acid,(1,2,2,6,6-pentamethyl-4-piperidinyl) methyl ester	5-10%	Y
Trade Secret	Light stabilizers	60-80%	N

4.First aid measures

General advice:

Move victim from the contaminated workplace to ventilated place. Call the hospital for medical assistance, and provide emergency treatment.

Inhaled:

Remove victim to fresh air immediately. Get medical aid immediately.

Skin contact:

Remove contaminated clothing and shoes. Wash with soap and water.

Contact with eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Ingestion:

Wash out mouth with water and then drink plenty of water.

Ingestion:

Treat symptomatically and supportively.

5.Fire fighting measures:

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Suitable extinguishing media:

Water fog, Foam, Dry chemical powder.

Unsuitable extinguishing media for safety reasons:

High-pressure water jet.

The following can be given off in a fire:

The CO, CO₂, NO_x can be given off.

Special protective equipment:

Good firefighting practice dictates the use of self-contained breathing apparatus and turnout gear.

Further information:

Contaminated extinguishing water must be disposed of in accordance with local regulations.

6.Accidental release measures:

Personal precautions:

1. Removal of ignition sources.
2. Provision for sufficient ventilation.
3. Respiratory protection.
4. Prevention of skin and eye contact.

Further information:

Environmental precautions:

1. Keep away from drains, surface and groundwater and soil.
2. To alert the neighborhood.

Methods for cleaning up:

Take up with absorbent ,inert material(e.g. sand)and place in suitable and close container for disposal.

7.Handling and storage

Handling:

Use safety glasses and gloves, and coveralls as necessary when using it, to prevent skin contact.

Storage:

The substances in our product are very stable, please put it in the ventilate place. Keep away from food and drink.

8.Exposure controls and personal protection

Additional information on the lay-out of technical plant (see section 7)

Personal protective equipment

- Respiratory protection:** In case of insufficient ventilation , wear suitable respiratory protective equipment.
- Hand protection:** Protective gloves.
- Eye protection:** Goggles.
- Body protection:** Closed working clothing as necessary to prevent skin contact.

General safety and hygiene measures:

The usual precautions for the handling of chemicals must be observed.

9. Physical and chemical properties:

Physical Form:	Liquid
Colour:	Amber to Yellow
Odour:	None
Melting:	N.A
Boiling point/boiling range	>250°C
Flash Point:	>115°C
Explosion hazard:	(see section 10)
Ignition temperature:	>350°C
Vapor pressure:	1.0E-4Pa at 20°C
Specific gravity:	N.A.
Density:	0.96 kg/m ³ at 20 °C
Solubility in water:	dispersed in water At 20°C
pH value:	10.48(1% suspension in water at 20 °C)

10. Stability and reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to avoid:	Heat, static discharge
Substances to avoid:	Strong acid, strong bases and strong oxidizing agents, Moisture.
Hazardous reactions:	No.
Hazardous decomposition products:	If involved in a fire, CO,CO ₂ , NO _x , maybe liberated.

11. Toxicological information**Acute toxicity**

LD50/oral/rat:	>5000 mg/kg
Skin irritation (tested on rabbits):	Non-irritation
Eye irritation (tested on rabbits):	Non-irritation
Acute skin sensitization (tested on Guinea pig)	Sensitization

12. Ecological information**Toxicity to fish:**

LC50: zebra fish (96 hrs)	1-10 mg/l
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13. Disposal considerations:**Product:**

Incinerate or bury in a licensed facility .Do not discharge into waterways or sewer systems without

proper authority.

Contaminated packaging:

Dispose it in a licensed facility. Recommend crushing or other means to prevent non-authorized reuse.

14. Transport information:

Flash Point: >115°C

ADR/RID : Class : 9

Packaging group : III

UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

IMDG/IMO : Class : 9

Packaging group : III

UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

IATA/ICAO : Class : 9

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UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

15. Regulatory informations:**U.S. REGULATIONS:**

TSCA INVENTORY STATUS:	Listed
TSCA 12(b) EXPORT NOTIFICATION:	Not listed
CERCLA SECTION 103 (40CFR302.4):	Not Reportable
SARA SECTION 302 (40CFR355.30):	Not Reportable
SARA SECTION 304 (40CFR355.40):	Not Reportable
SECTIONS 311/312 (40CFR370.21):	Not Reportable
SARA SECTION 313 (40CFR372.65):	Not Reportable
OSHA PROCESS SAFETY (29CFR1910.119):	Not Reportable
STATE REGULATIONS:	
California Proposition 65:	Not Reportable

EUROPEAN REGULATIONS:

EC NUMBER: Listed

AUSTRALIA REGULATIONS

Listed on the Australian Inventory of Chemical Substances (AICS)

CANADA REGULATIONS :

Listed on the Canadian Domestic Substances List (DSL)

CHINA REGULATIONS :

Listed on the IECSC

JAPAN REGULATIONS:

Listed on the Japanese Existing and New Chemical Substances (ENCS)

KOREA REGULATIONS:

Listed on the Korean Existing Chemicals List (ECL)

PHILIPPINES REGULATIONS:

Listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS)

NEW ZEALAND REGULATIONS:

Listed on the NZIoC

TAIWAN REGULATIONS

Listed on Taiwan National Existing Chemical Substance Inventory (NECSI)

16. Other information:

EC Risk and safety phrases:

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S36/37 Wear suitable protective clothing and gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets. _____

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any guarantee with regard to the product's properties.